

**ABSTRACT**

The invention concerns soluble branched polymers of glucose containing essentially no  $\beta$ -glucosidic bonds, characterized in that they have between 2.5 and 10% of  $\alpha$ -  
5 1,6 glucosidic bonds, a very low or zero tendency to retrograde in aqueous solution, determined according to a test A, a Mw determined according to a test C at a median value of the molecular weight distribution profile lying between  $10^4$  and  $10^8$  daltons and a reducing sugar content  
10 of at most 9%.

10030002-031502  
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